

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-34. (cancelled).

35. (new) A device for automated detection of attempts to mate a first, female animal by a second, detecting animal, said device comprising:

an electronic tag configured to be placed in or fixed at an organ of the female animal, the electronic tag being a passive tag without any source of energy and generating a signal upon detector-activation;

a detector configured for emitting a magnetic field activating said electronic tag when said electronic tag is located in or fixed at the organ of the female animal and said detector is attached on the detecting animal, wherein upon being activated, said electronic tag emits an identification of said female animal in an identifying signal modulating the magnetic field and picked up by the detector, said detector comprising an identifier configured for identifying said passive electronic tag based on the identification within the identifying signal emitted by the electronic tag; and

a fastener configured for attaching said detector on the detecting animal.

36. (new) The device of as per claim 35, wherein said electronic tag comprises a support configured to be placed in a digestive tract of the female animal.

37. (new) The device of as per claim 35, wherein said detector comprises a memory configured to store the identification based on the detecting animal mounting the female animal.

38. (new) The device of as per claim 35, wherein,  
said electronic tag is an RFID tag and the identification is a unique identifier which identifies the first, female animal, and  
said detector is an RFID reader.

39. (new) The device of as per claim 35, wherein said detector is configured for writing data on mounting attempts onto said detector.

40. (new) The device of as per claim 35, wherein said fastener comprises a harness holding in place said detector, said harness having an antenna to receive signals emitted by said electronic tag during a mounting attempt.

41. (new) The device of as per claim 35, further comprising a verticality sensor configured to activate the said detector.

42. (new) The device of as per claim 35, further comprising a pressure sensor configured to sense pressure exerted on the back of said female animal, said pressure sensor configured to be placed under the belly of the detecting animal wearing the detector, to activate the said detector.

43. (new) The device of as per claim 35, further comprising a temperature sensor, said temperature sensor configured to be placed under the belly of the detecting animal wearing the detector, to activate the said detector.

44. (new) The device of as per claim 35, further comprising a motion sensor, movements of the detecting animal wearing the device being sensed to activate the said detector.

45. (new) The device of as per claim 35, wherein said identifier comprises an image processing part for identification of the female animal.

46. (new) The device of as per claim 35, wherein said detector is configured for determining time and date of each mounting of the female animal by the detecting animal.

47. (new) The device of as per claim 35, wherein said detector comprises a transmitter configured to transmit at least one part of the identification of the female animal identified by said identifier.

48. (new) The device of as per claim 35, wherein said detector is configured to determine at least one result of statistical analysis of mounting attempts along a mounting attempt time.

49. (new) The device of as per claim 47 wherein said detector is configured to process the identification of the female animal based on a calibration of the detecting animal libido.

50. (new) The device of as per claim 35, wherein,  
said electronic tag is an RFID tag retaining a unique identifier which identifies the female animal,

said detector comprising an antenna configured for emitting the magnetic field toward the RFID tag for stimulating

the RFID tag, a controller, a program memory, a communication interface (175), and a communication module, and

further comprising a mounting sensor configured to activate said detector.

51. (new) The device of as per claim 50, wherein the mounting sensor is a pressure sensor configured for placing under the belly of the detecting animal.

52. (new) The device of as per claim 50, wherein the mounting sensor is a verticality sensor.

53. (new) The device of as per claim 50, wherein the mounting sensor is a motion sensor.

54. (new) The device of as per claim 35, wherein said electronic tag comprises a support configured to be fixed at the ear of the female animal.

55. (new) A device for automated detection of attempts to mate a first, female animal by a second, detecting animal, said device comprising:

an RFID electronic tag configured to be placed in or on an organ of the female animal;

an RFID detector configured for emitting a magnetic field stimulating said electronic tag when said electronic tag is located in the organ of the female animal and said detector is attached on the detecting animal, wherein upon being stimulated, said electronic tag emits an identification of said female animal in an identifying signal picked up by the detector, said detector comprising an identifier configured for identifying said passive electronic tag based on the identification within the identifying signal emitted by the electronic tag;

a mounting sensor arranged to activate said detector;  
and

a fastener configured for attaching said detector on the detecting animal.